

# MPR

## MINI PRESSURE REGULATOR

### Specifications

The pressure regulator shall be capable of operating at a constant, preset, non-adjustable outlet pressure of 25, 30, or 40 PSI (1.72, 2.07, or 2.76 bar) with a flow range between 0.56 - 3.60 GPM (127 - 818 L/hr).

The pressure regulator shall maintain the nominal pressure at a minimum of 5 PSI (0.34 bar) above model inlet pressure and a maximum of 50 PSI (3.45 bar) above nominal model pressure\*. The pressure regulator controls sprinkler nozzle orifice flow to +/-10% of the nominal flow from non-uniform line pressure. Refer to the Model Numbers Chart on page 2 for outlet flow based on the model. Always install downstream from all shut-off valves.

All pressure regulator models shall be equipped with this inlet-x-outlet configuration:

<b>Inlet</b>	<b>Outlet</b>
1/2-inch Male National Pipe Thread (MNPT)	1/2-inch Female National Pipe Thread (FNPT)

The upper housing, lower housing, and internal molded parts shall be of engineering-grade thermoplastics with internal elastomeric seals. Regulation shall be accomplished by a fixed stainless steel compression spring, which shall be enclosed in a chamber isolated from the normal water passage.

The regulator external housings shall be press-fit with locking wedges and assembled without screws or other metallic fasteners. Outlet pressure shall be clearly marked on the outside of each regulator.

The pressure regulator shall carry a two-year manufacturer's warranty on materials, workmanship, and performance.

The pressure regulator shall be manufactured by Senninger Irrigation in Clermont, Florida. Senninger is a Hunter Industries Company.

\* Please consult the factory for applications outside of recommended guidelines.

### Physical

#### 1/2" MNPT x 1/2" FNPT model

*Overall Length*  
3.1 inches (7.9 cm)

*Overall Width*  
1.3 inches (3.3 cm)





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### Model Numbers

Model #	Flow Range	Preset Outlet Pressure	Operating Inlet Pressure	Maximum Allowable Working (Line) Pressure
MPR252M2F	0.56 - 2.9 GPM (127 - 659 L/hr)	25 PSI (1.72 bar)	25 - 75 PSI (1.72 - 5.17 bar)	150 psi (10.34 bar)
MPR302M2F	0.61 - 3.1 GPM (139 - 704 L/hr)	30 PSI (2.07 bar)	30 - 80 PSI (2.07 - 5.52 bar)	150 psi (10.34 bar)
MPR402M2F	0.7 - 3.6 GPM (159 - 818 L/hr)	40 PSI (2.76 bar)	40 - 90 PSI (2.76 - 6.21 bar)	150 psi (10.34 bar)